

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
 Data File : VL037817.D
 Acq On : 8 Oct 2021 4:55
 Operator : SY/AP
 Sample : M4079-11DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P10DL

Manual Integrations
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Quant Time: Oct 08 11:27:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 0
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1380922	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3987468	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	3388256	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2426027	10.24	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	25504m	0.261	ppbv	
13) Ethanol	3.61	45	54183	6.786	ppbv	98
15) Acetone	3.84	43	1015997	8.196	ppbv	97
17) tert-Butyl alcohol	4.31	59	28971m	0.227	ppbv	
19) Isopropyl Alcohol	3.98	45	20500m	0.266	ppbv	
20) Methylene Chloride	4.33	84	21195m	0.338	ppbv	
29) Chloroform	5.75	83	28268m	0.115	ppbv	
34) 2-Butanone	5.25	43	190597	1.184	ppbv	92
52) Tetrachloroethene	11.21	164	49522m	0.374	ppbv	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

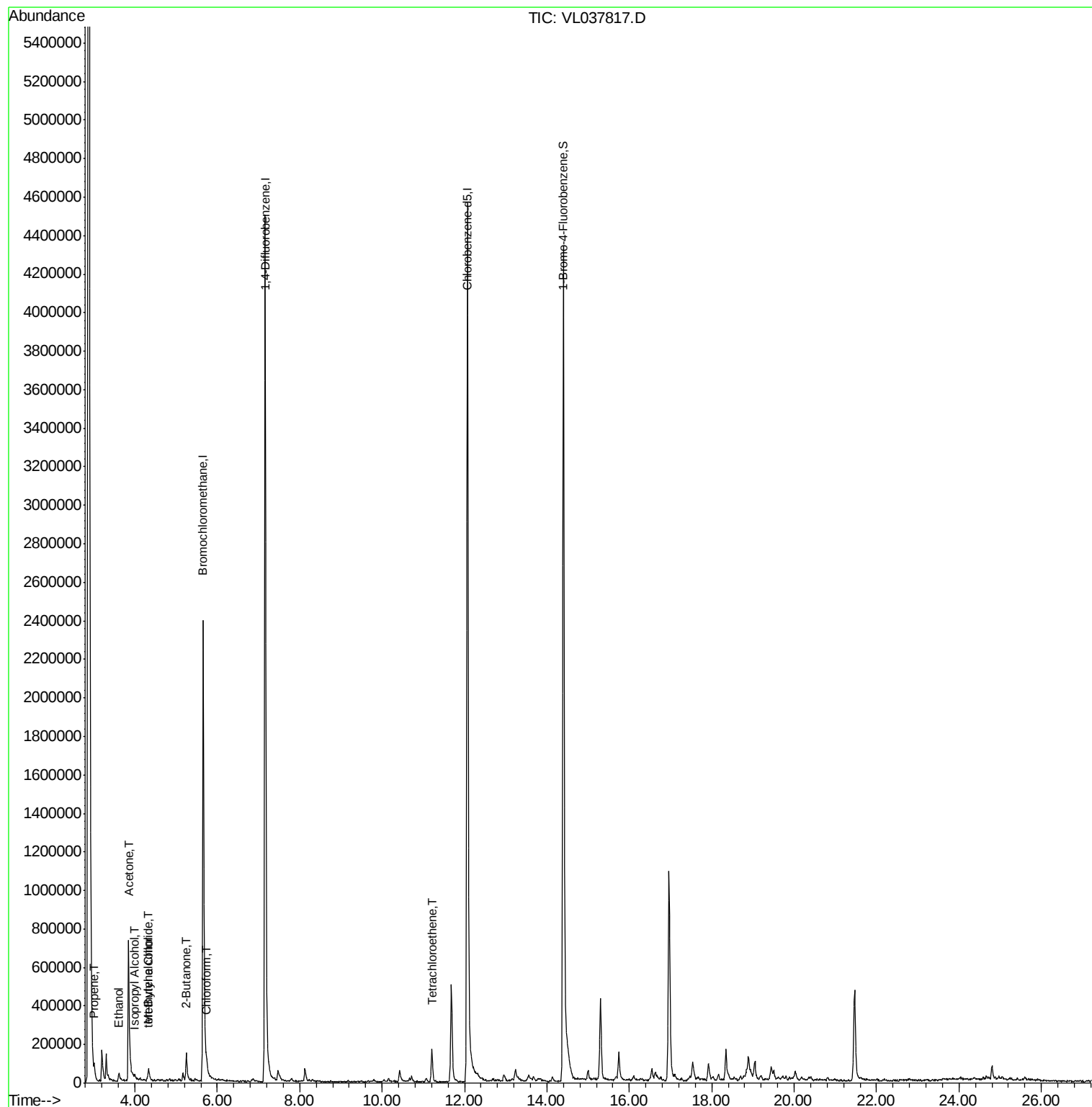
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
Data File : VL037817.D
Acq On : 8 Oct 2021 4:55
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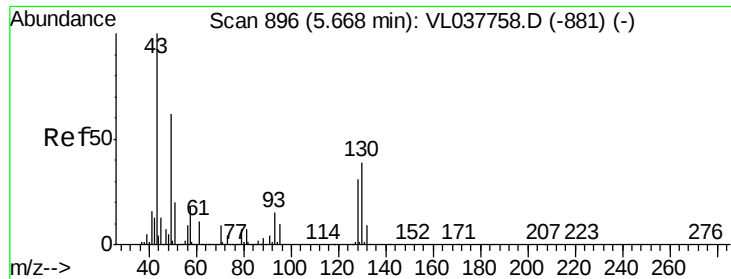
Instrument :
MSVOA_L
ClientSampleId :
C0P10DL

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Quant Time: Oct 08 11:27:55 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration





#1

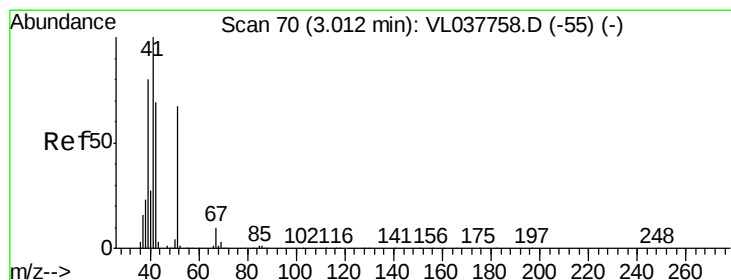
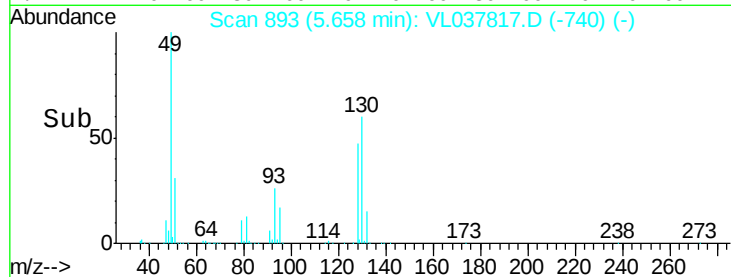
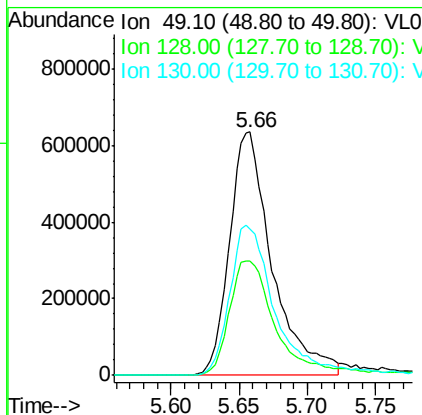
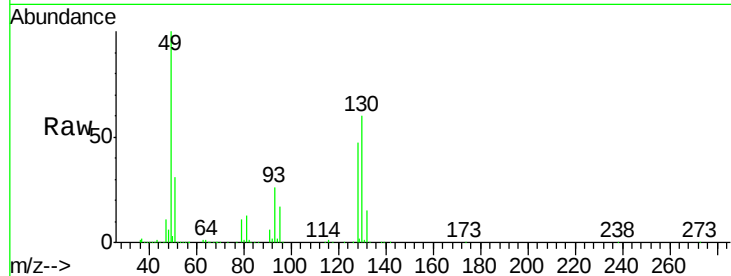
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: VL037817.D
 Acq: 8 Oct 2021 4:55

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P10DL

Tgt Ion: 49 Resp: 1380922
 Ion Ratio Lower Upper
 49 100
 128 53.1 27.1 81.3
 130 66.2 33.2 99.6

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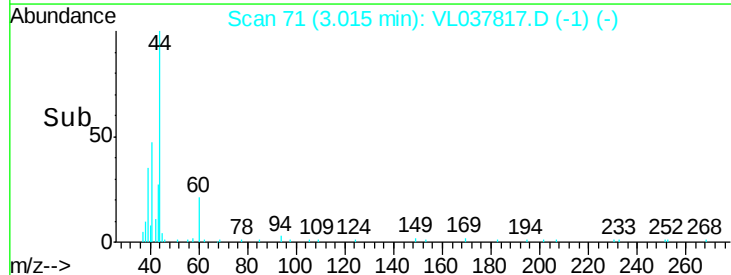
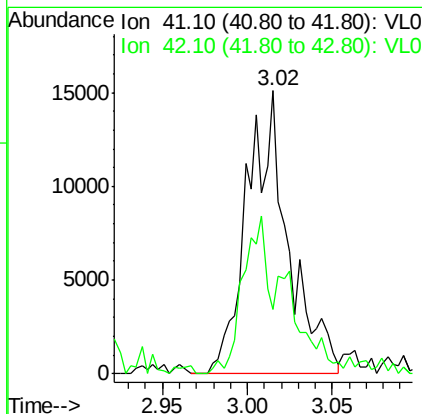
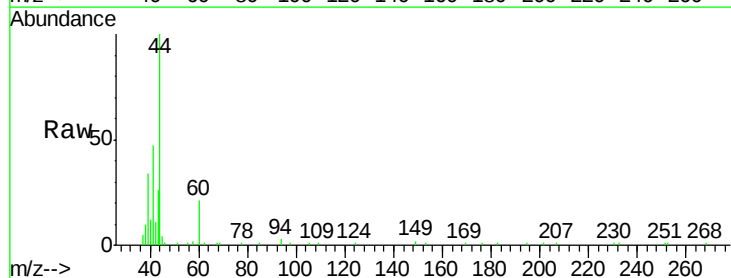
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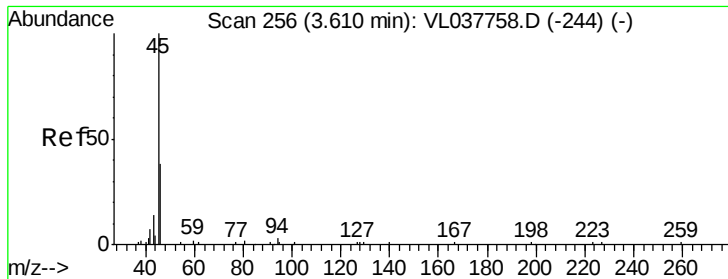


#9

Propene
 Concen: 0.261 ppbv m
 RT: 3.02 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: VL037817.D
 Acq: 8 Oct 2021 4:55

Tgt Ion: 41 Resp: 25504
 Ion Ratio Lower Upper
 41 100
 42 60.9 54.2 81.2





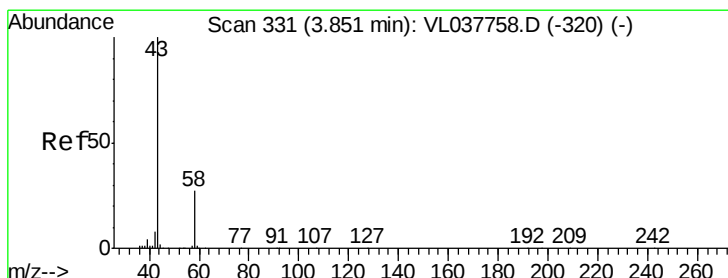
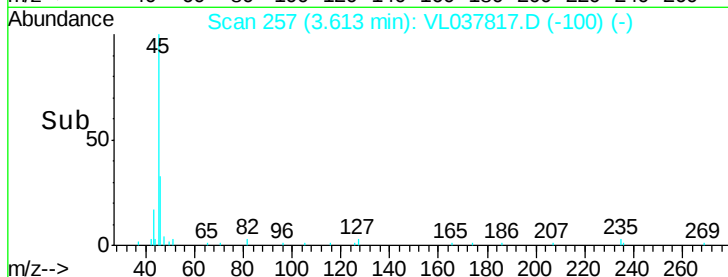
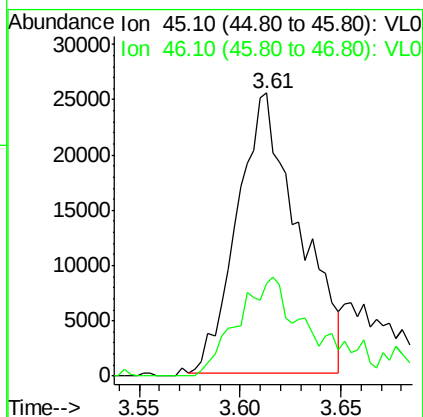
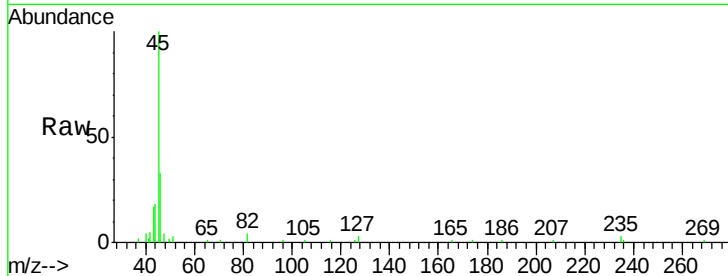
#13
Ethanol
Concen: 6.786 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.00 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Instrument :
MSVOA_L
ClientSampleId :
C0P10DL

Tgt Ion: 45 Resp: 54183
Ion Ratio Lower Upper
45 100
46 48.9 20.2 81.0

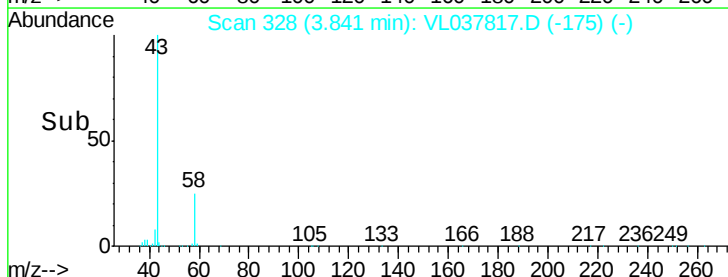
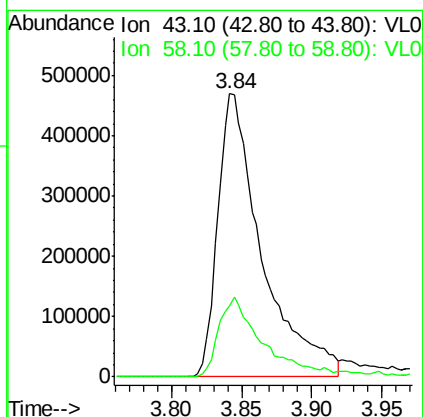
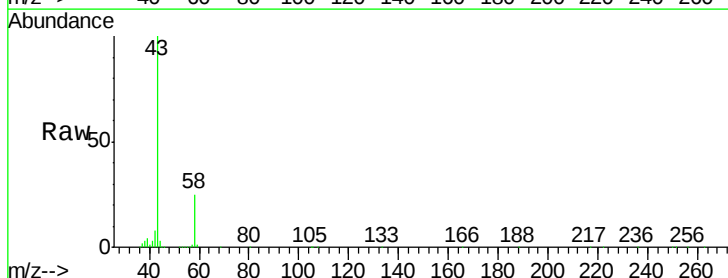
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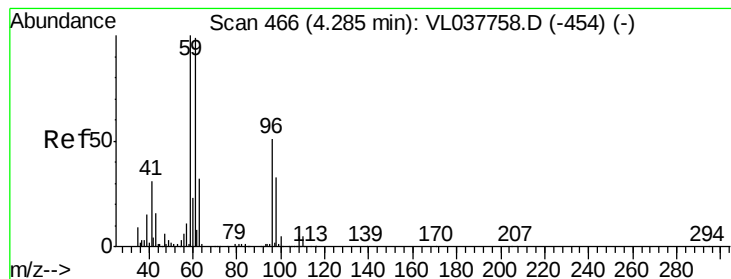
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#15
Acetone
Concen: 8.196 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Tgt Ion: 43 Resp: 1015997
Ion Ratio Lower Upper
43 100
58 30.4 23.0 34.6





#17

tert-Butyl alcohol

Concen: 0.227 ppbv m

RT: 4.31 min Scan# 475

Delta R.T. 0.03 min

Lab File: VL037817.D

Acq: 8 Oct 2021 4:55

Instrument :

MSVOA_L

ClientSampled :

C0P10DL

Tgt Ion: 59 Resp: 28971

Ion Ratio Lower Upper

59 100

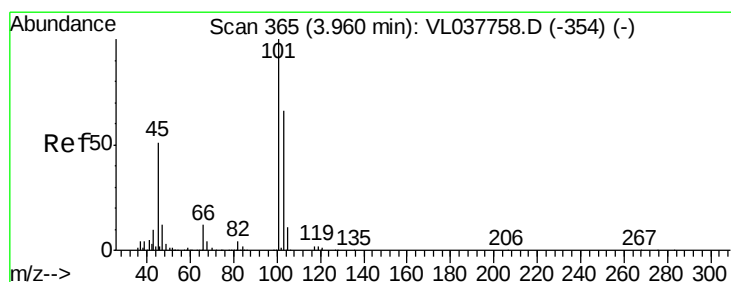
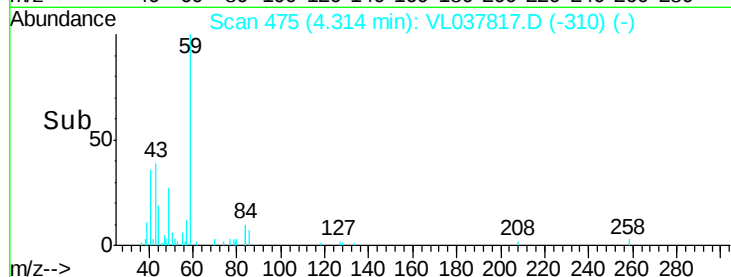
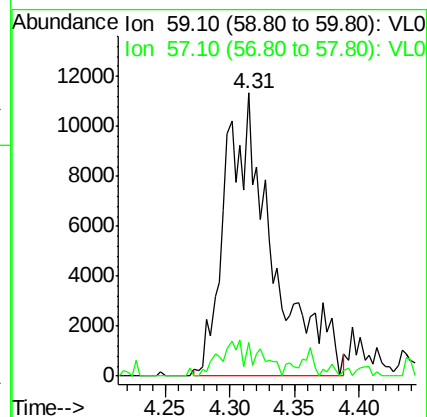
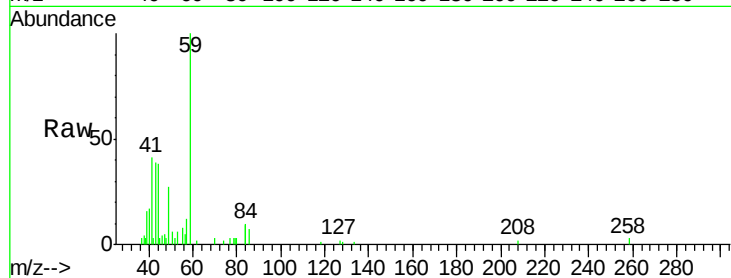
57 8.9 8.6 13.0

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#19

Isopropyl Alcohol

Concen: 0.266 ppbv m

RT: 3.98 min Scan# 370

Delta R.T. 0.02 min

Lab File: VL037817.D

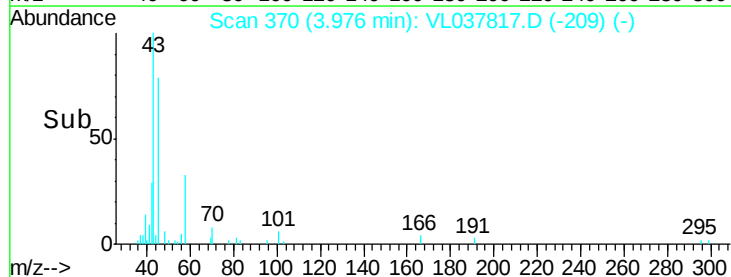
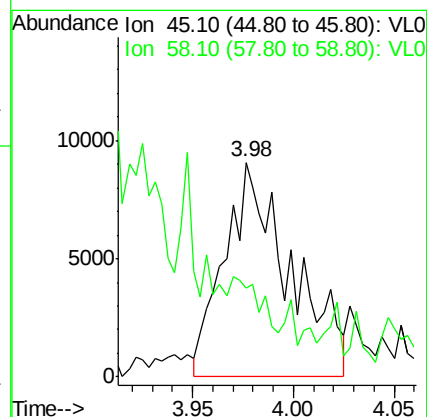
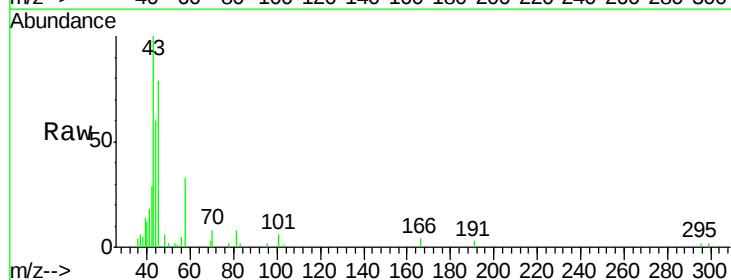
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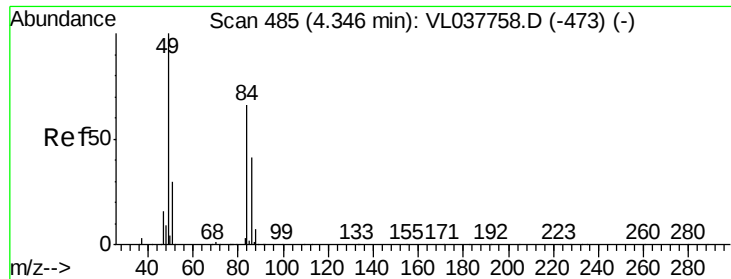
Tgt Ion: 45 Resp: 20500

Ion Ratio Lower Upper

45 100

58 67.2 1.1 1.7#





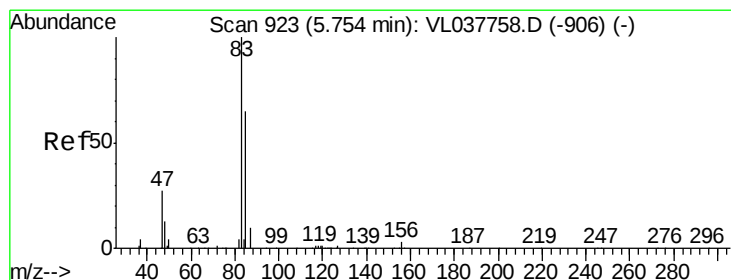
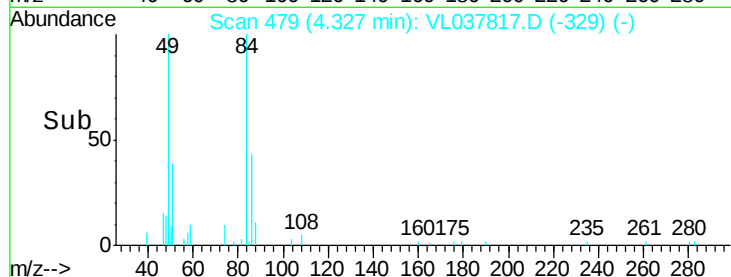
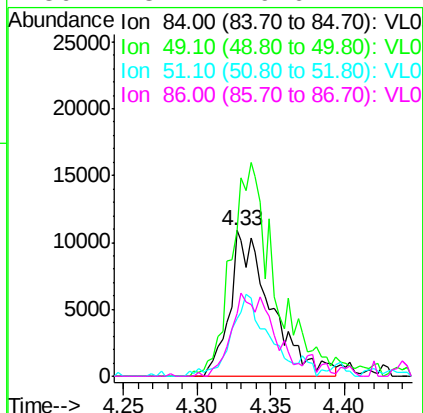
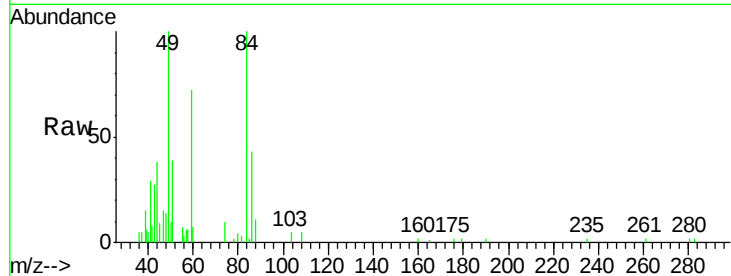
#20
Methylene Chloride
Concen: 0.338 ppbv m
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Instrument :
MSVOA_L
ClientSampleID :
C0P10DL

Tgt Ion	Ratio	Lower	Upper
84	100		
49	100.1	120.7	181.1#
51	39.1	36.2	54.4
86	43.2	49.6	74.4#

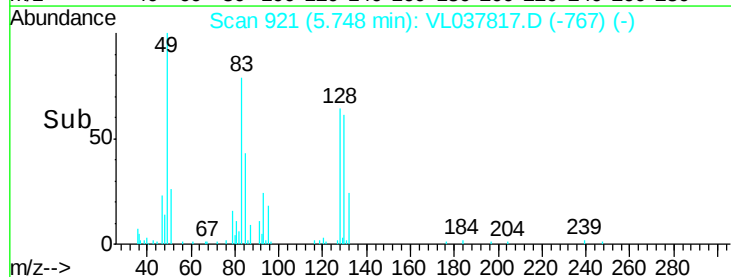
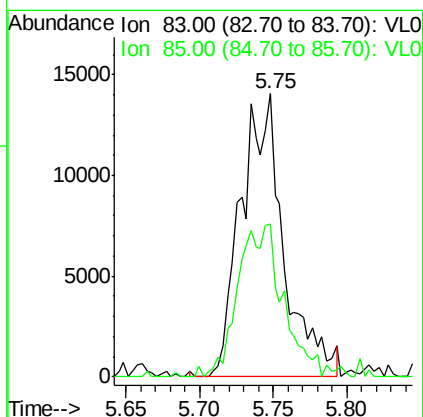
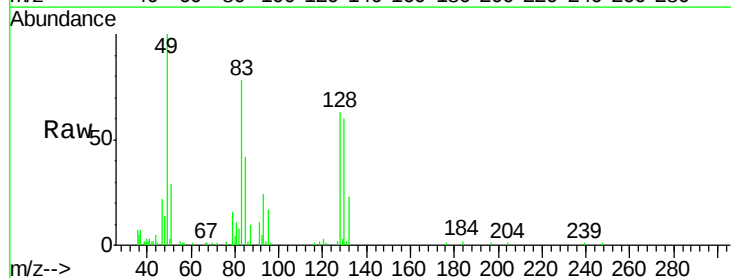
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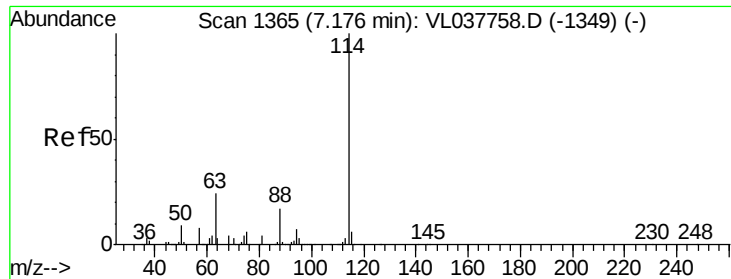
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#29
Chloroform
Concen: 0.115 ppbv m
RT: 5.75 min Scan# 921
Delta R.T. -0.01 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	54.1	51.8	77.8





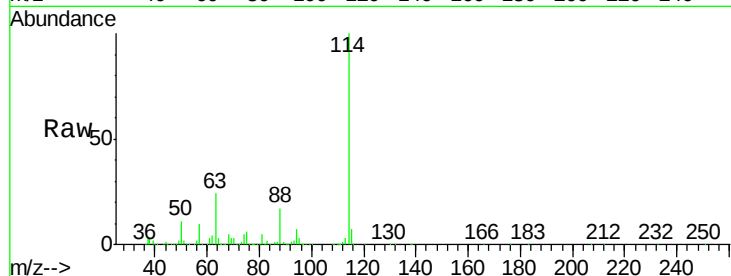
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: VL037817.D
 Acq: 8 Oct 2021 4:55

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P10DL

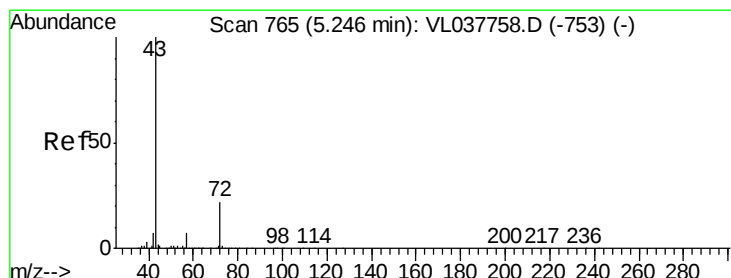
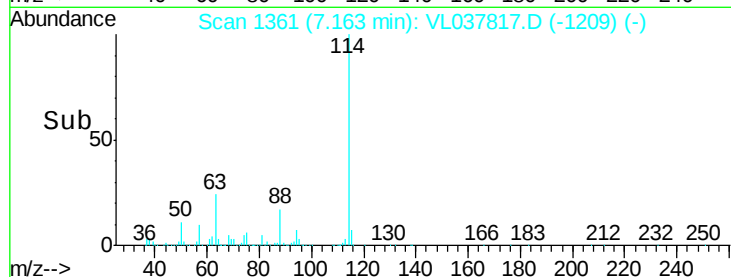
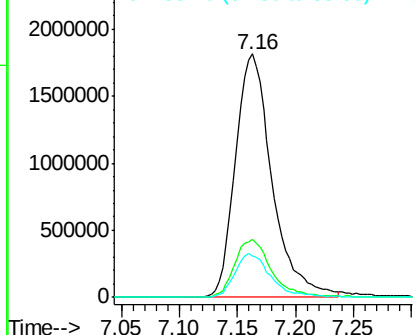
Tgt Ion: 114 Resp: 3987468
 Ion Ratio Lower Upper
 114 100
 63 24.2 19.4 29.2
 88 18.1 14.4 21.6

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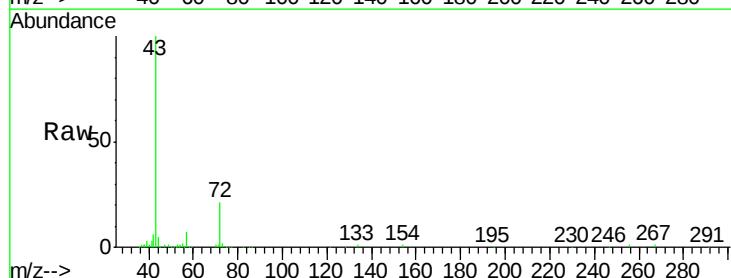


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

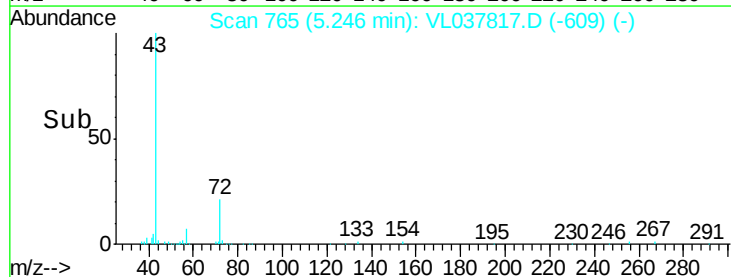
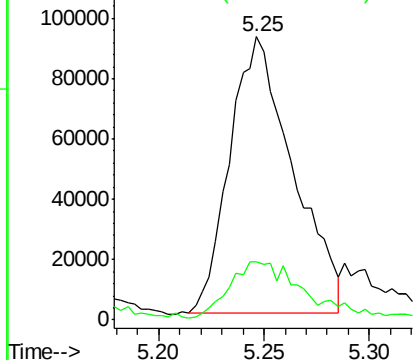


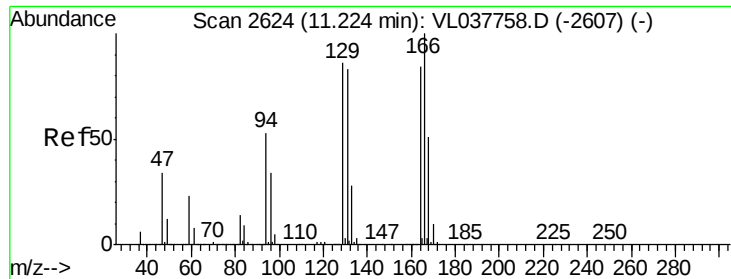
#34
 2-Butanone
 Concen: 1.184 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: VL037817.D
 Acq: 8 Oct 2021 4:55

Tgt Ion: 43 Resp: 190597
 Ion Ratio Lower Upper
 43 100
 72 26.5 18.2 27.2



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





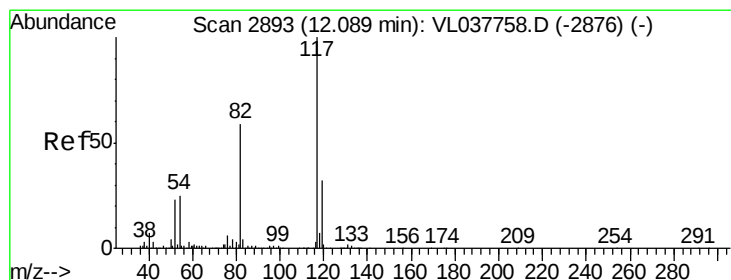
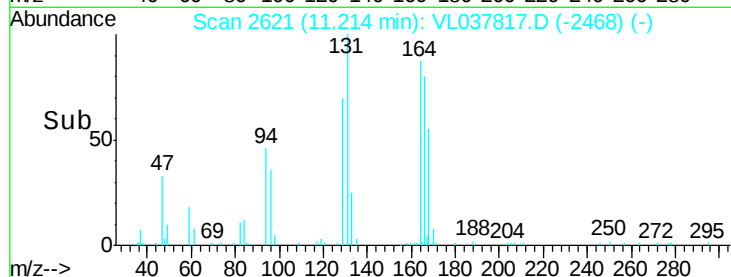
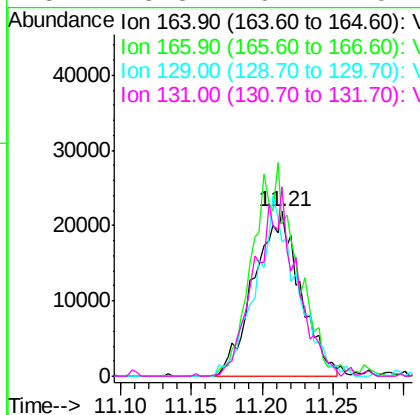
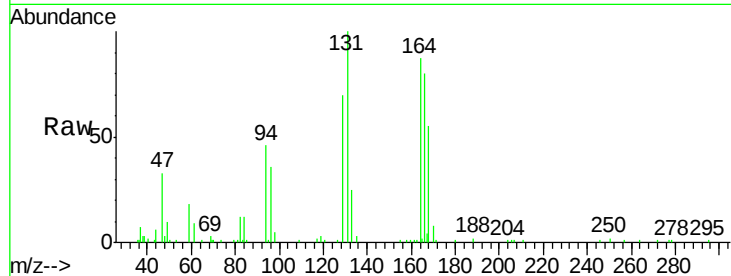
#52
Tetrachloroethene
Concen: 0.374 ppbv m
RT: 11.21 min Scan# 2621
Delta R.T. -0.01 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Instrument :
MSVOA_L
ClientSampled :
COP10DL

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	49522		
166	92.1	95.4	143.2#	
129	81.3	82.2	123.4#	
131	115.3	79.4	119.2	

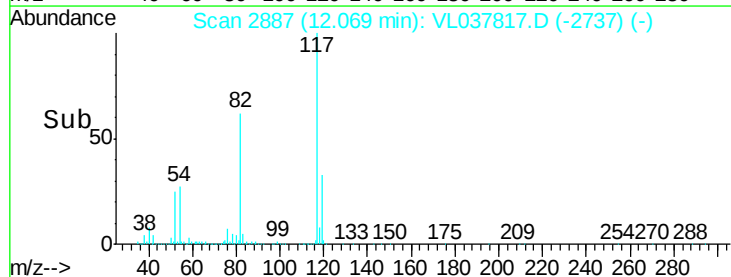
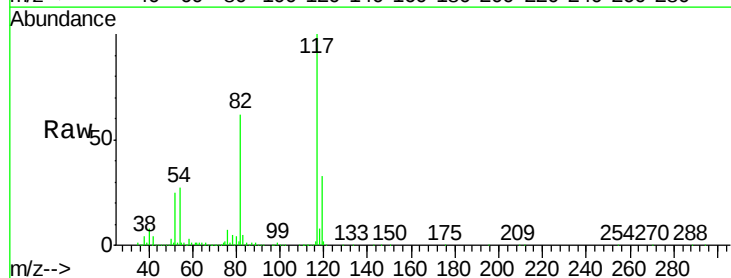
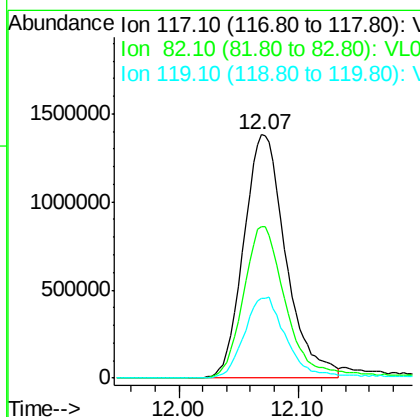
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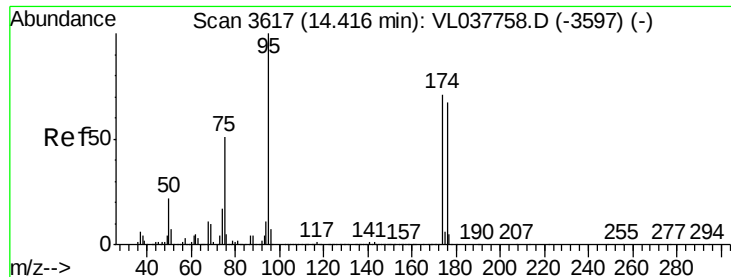
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.02 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	3388256		
82	65.6	52.2	78.2	
119	34.9	26.0	39.0	





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.239 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T. -0.02 min
 Lab File: VL037817.D
 Acq: 8 Oct 2021 4:55

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P10DL

Tgt Ion: 95 Resp: 2426027
 Ion Ratio Lower Upper
 95 100
 174 74.8 57.8 86.6
 175 5.7 4.7 7.1

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